

Pollution In The Well

If rain water can leach minerals from the soil, it can leach other substances as well - such as pesticides. Create your own miniature water well and see how water can carry pollutants into the groundwater through the soil!

You will need:

- 1 short-stemmed funnel
- 1 quart jar
- Sand
- Red or blue food coloring
- 3/4 cup of water
- 2 cotton balls

Pour about 1/4 cup of water into the bottom of your jar. Push the cotton balls in to the bottom of the funnel. Fill the funnel with sand. Add 3-4 drops of food coloring. Then slowly pour the rest of the water through the funnel (the well) into the jar.

What happened to the food coloring? What happened to the "Groundwater" in the bottom of the jar? Did the soil (sand) leach the food coloring (pesticide) and let the water dissolve it in the funnel (well) to reach the groundwater?



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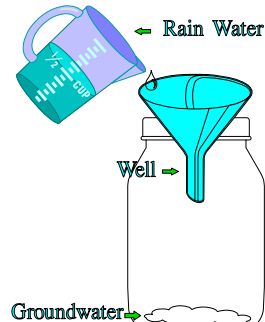
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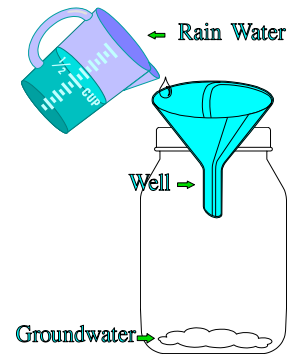
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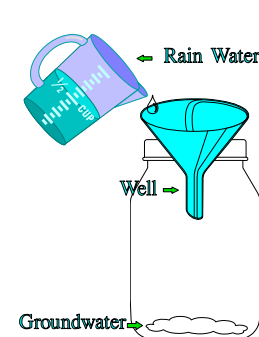
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